

C. Stroupe

1633

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/297,092

DATE: 10/15/1999  
TIME: 10:59:30

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This Raw Listing contains the General Information  
Section and up to first 5 pages.

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1 <110> APPLICANT: PAULISTA, Michael  
2 POHL, Jens  
3 <120> TITLE OF INVENTION: COMPOUNDS WITH IMPROVED CARTILAGE-INDUCING AND/OR  
4 BONE-INDUCING ACTIVITY  
5 <130> FILE REFERENCE: 564-9010  
6 <140> CURRENT APPLICATION NUMBER: US/09/297,092  
7 <141> CURRENT FILING DATE: 1999-05-18  
8 <150> EARLIER APPLICATION NUMBER: PCT/EP97/06463  
9 <151> EARLIER FILING DATE: 1997-11-19  
10 <150> EARLIER APPLICATION NUMBER: DE/19647853.7  
11 <151> EARLIER FILING DATE: 1996-11-19  
12 <160> NUMBER OF SEQ ID NOS: 1  
13 <170> SOFTWARE: PatentIn Ver. 2.1  
14 <210> SEQ ID NO 1  
15 <211> LENGTH: 501  
16 <212> TYPE: PRT  
17 <213> ORGANISM: Homo sapiens  
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20 1 5 10 15  
21 Leu Asp Leu Glu Phe Ile Cys Thr Val Leu Gly Ala Pro Asp Leu Gly  
22 20 25 30  
23 Gln Arg Pro Gln Gly Thr Arg Pro Gly Leu Ala Lys Ala Glu Ala Lys  
24 35 40 45  
25 Glu Arg Pro Pro Leu Ala Arg Asn Val Phe Arg Pro Gly Gly His Ser  
26 50 55 60  
27 Tyr Gly Gly Ala Thr Asn Ala Asn Ala Arg Ala Lys Gly Gly Thr  
28 65 70 75 80  
29 Gly Gln Thr Gly Gly Leu Thr Gln Pro Lys Lys Asp Glu Pro Lys Lys  
30 85 90 95  
31 Leu Pro Pro Arg Pro Gly Gly Pro Glu Pro Lys Pro Gly His Pro Pro  
32 100 105 110  
33 Gln Thr Arg Gln Ala Thr Ala Arg Thr Val Thr Pro Lys Gly Gln Leu  
34 115 120 125  
35 Pro Gly Gly Lys Ala Pro Pro Lys Ala Gly Ser Val Pro Ser Ser Phe  
36 130 135 140  
37 Leu Leu Lys Lys Ala Arg Glu Pro Gly Pro Pro Arg Glu Pro Lys Glu  
38 145 150 155 160  
39 Pro Phe Arg Pro Pro Pro Ile Thr Pro His Glu Tyr Met Leu Ser Leu  
40 165 170 175  
41 Tyr Arg Thr Leu Ser Asp Ala Asp Arg Lys Gly Gly Asn Ser Ser Val  
42 180 185 190  
43 Lys Leu Glu Ala Gly Leu Ala Asn Thr Ile Thr Ser Phe Ile Asp Lys  
44 195 200 205

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45 Gly Gln Asp Asp Arg Gly Pro Val Val Arg Lys Gln Arg Tyr Val Phe  
46 210 215 220  
47 Asp Ile Ser Ala Leu Glu Lys Asp Gly Leu Leu Gly Ala Glu Leu Arg  
48 225 230 235 240  
49 Ile Leu Arg Lys Lys Pro Ser Asp Thr Ala Lys Pro Ala Ala Pro Gly  
50 245 250 255  
51 Gly Gly Arg Ala Ala Gln Leu Lys Leu Ser Ser Cys Pro Ser Gly Arg  
52 260 265 270  
53 Gln Pro Ala Ser Leu Leu Asp Val Arg Ser Val Pro Gly Leu Asp Gly  
54 275 280 285  
55 Ser Gly Trp Glu Val Phe Asp Ile Trp Lys Leu Phe Arg Asn Phe Lys  
56 290 295 300  
57 Asn Ser Ala Gln Leu Cys Leu Glu Leu Glu Ala Trp Glu Arg Gly Arg  
58 305 310 315 320  
59 Ala Val Asp Leu Arg Gly Leu Gly Phe Asp Arg Ala Ala Arg Gln Val  
60 325 330 335  
61 His Glu Lys Ala Leu Phe Leu Val Phe Gly Arg Thr Lys Lys Arg Asp  
62 340 345 350  
63 Leu Phe Phe Asn Glu Ile Lys Ala Arg Ser Gly Gln Asp Asp Lys Thr  
64 355 360 365  
65 Val Tyr Glu Tyr Leu Phe Ser Gln Arg Arg Lys Arg Arg Ala Pro Leu  
66 370 375 380  
67 Ala Thr Arg Gln Gly Lys Arg Pro Ser Lys Asn Leu Lys Ala Arg Cys  
68 385 390 395 400  
69 Ser Arg Lys Ala Leu His Val Asn Phe Lys Asp Met Gly Trp Asp Asp  
70 405 410 415  
71 Trp Ile Ile Ala Pro Leu Glu Tyr Glu Ala Phe His Cys Glu Gly Leu  
72 420 425 430  
73 Cys Glu Phe Pro Leu Arg Ser His Leu Glu Pro Thr Asn His Ala Val  
74 435 440 445  
75 Ile Gln Thr Leu Met Asn Ser Met Asp Pro Glu Ser Thr Pro Pro Thr  
76 450 455 460  
77 Cys Cys Val Pro Thr Arg Leu Ser Pro Ile Ser Ile Leu Phe Ile Asp  
78 465 470 475 480  
79 Ser Ala Asn Asn Val Val Tyr Lys Gln Tyr Glu Asp Met Val Val Glu  
80 485 490 495  
81 Ser Cys Gly Cys Arg  
82 500

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VERIFICATION SUMMARY  
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